



the format of communications between a mobile phone and a base station. Examples of wireless communication protocols include TDMA (time division multiple access) and CDMA (code division multiple access). Applicant is not asserting that independent claims 1 and 31 recite the TDMA and CDMA protocols, but is merely providing the Examiner with examples of wireless communication protocols. Bouis does not in any way relate to such wireless protocols. Again, Bouis discusses converting multimedia from one format to another over a wireline system.

Merritt is also directed to a completely different system from the present invention. Merritt is directed to a system for communicating images across a network (e.g., a public switched telecommunications network (PSTN), which is a wireline network) among users with disparate end systems running potentially dissimilar image protocols and formats. The system includes an image-profile database 24, which holds profiles of end users. The profiles typically include the capabilities of the end systems of the subscribing end users for storing, processing, and displaying images, preferably including the acceptable and preferred image protocols, compression methods, and image formats for each user. A communication of an originating image from a calling party to a called party is diverted to the network-based image processing system 10. The network-based image processing system 10 ascertains whether the originating image file format and protocol matches the called party preferred file format and protocol, which is stored in the database 24. If there is no match, the image file format conversion server converts the calling party image file to the acceptable or preferred image file format of the called party. This server preferably includes conversion control processor 26 and one or more conversion processors 271, 272 ...27n.

While Merritt may teach that the network may be a PSTN, and specifically an AT&T network, it does not suggest a wireless communication system or protocol. A PSTN is a wireline rather than a wireless network, and thus Merritt is a directly to a communication system very different than that claimed. Wireless and wireline systems have very different architectures, and features of one system are not applicable to the other. Merritt is therefore not applicable to claims 1 and 31, or their dependent claims.



As described in the background section in paragraphs 18-20 of the published version of this application, prior art wireless communication systems use general purpose digital signal processors (DSPs). DSPs take an unsatisfactory amount of time to switch from one process to another process, thereby requiring large numbers of DSPs to provide adequate computational support and leading to a large energy consumption profile.

Neither Bouis nor Merritt, alone or in combination, suggests a plurality of ASISPs. Nothing is Bouis suggests that the modules 420, 430, 440 are ASISPs, and nothing in Merritt suggests that its conversion processors 27 are ASISPs. These modules and conversion processors could just as well be the inefficient DSPs described in the background section of the application. Thus, the claims are patentable over the applied references for at least this reason.

Many of the dependent claims (e.g., claims 2-8, 10-12, 17, 18, 22, 25-27, 32-37, 39-41, and 47) recite further details of the ASISPs. Since the applied references do not suggest ASISPs, it necessarily follows that they also do not suggest the details of the ASISPs recited in these dependent claims. Thus dependent claims 2-8, 10-12, 17, 18, 22, 25-27, 32-37, 39-41, and 47 are further patentable over the applied references for this additional reason.

In view of the above, it is respectfully submitted that the claims are patentable over the applied references. Reconsideration and withdrawal of the prior art rejection is therefore respectfully requested. Applicant believes the pending application is in condition for allowance.

Dated: September 30, 2005

Respectfully submitted,

By Laura C. Brutman

Laura C. Brutman

Registration No.: 38,395

DARBY & DARBY P.C.

P.O. Box 5257

New York, New York 10150-5257

(212) 527-7700

(212) 527-7701 (Fax)

Attorneys/Agents For Applicant